

SECRET

DRAFT

NO FOREIGN DISSEM

TSG/APSD/IEB-059/71
11 November 1971

DOE review
completed.

MEMORANDUM FOR THE RECORD

SUBJECT: Evaluation of [REDACTED]
[REDACTED]

1. The overall image quality is fair due to the low contrast of the original negative. This low contrast is probably the result of acquisition at low solar elevation, i.e., 17 to 21 degrees. The first two-thirds of the mission are 25 percent cloud covered. The remainder is completely cloud covered.

2. The exposure is adequate. The overall density is medium but the contrast is low.

3. The camera cycle rate ranged from 7 to 10 seconds/frame throughout the mission. However, the average cycle rate was 8.2 seconds/frame. The normal cycle rate in the [REDACTED] program is 8.8 to 9.0 seconds/frame. Stereo overlap is about 50 percent every 3 frames, whereas normal expected overlap is 90-100 percent every 5th frame. Holidays in ground coverage occur between successive fwd or aft frames.

4. The camera frame counter recycled to 0001 at the third off/on.

5. The first coverage of the island indicates that the blast has already occurred. There is no pre-blast coverage.

6. The film was titled with the incorrect mission number and flight date, i.e., 0-131A and 8 November 1971 respectively. Also, the head and tail idents indicated an incorrect date, 9 November 1971.

7. Available Mission Data:

- A. MISSION: [REDACTED]
- B. CAM: [REDACTED] UNIT: 8002
- C. CAM MODE: Stereo
- D. CAM/ON: 2158Z, 6 November 1971; CAM/OFF: 0121Z, 7 November 1971
(data chamber clock)
- E. FILTER: W-12
- F. FILM: 3414
- G. DEVELOPER: 16DN, PROCESS FAC: NRTSC

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